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Appl. No. 10/789,224
Amdt. Dated 7-5-06
Reply to Office Action of 4-5-06**Claim Amendments**

The present listing of claims replaces all previous versions of the claims.

Listing of Claims

1. (currently amended) A brake warning system attachable to a first vehicle and for warning a second vehicle of an anticipated first vehicle braking, said first vehicle including a battery, a brake light, a brake pedal for energizing the brake light when engaged, and a foot pressure operated accelerator pedal for accelerating the first vehicle, said system comprising:

a switch operably connected to the first vehicle engine vacuum system and including means for monitoring a vacuum pressure fluctuation thereof during a predetermined time interval, said switch for generating and sending a plurality of signals corresponding to accelerating and non-accelerating modes of the first vehicle, said non-accelerating mode having a vacuum pressure level ~~above~~ below a predetermined limit and said accelerating mode having a vacuum pressure level ~~below~~ above the predetermined limit; and

a light switch operably connected to said switch and for receiving said plurality of signals therefrom for indicating when an accelerator pedal is released during operating conditions of a vehicle, said light switch being operably connected to the first vehicle brake light and for causing same to flash during an interval defined after an accelerator pedal is released and before the brake pedal is engaged.

2. (original) The brake warning system of claim 1, wherein said switch comprises: a vacuum switch.

3. (original) The brake warning system of claim 1, wherein said switch comprises: an electrical switch.

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4. (original) The brake warning system of claim 1, wherein said switch is disposed within a first vehicle engine compartment and said light switch is disposed within a first vehicle trunk compartment.

5. (original) The brake warning system of claim 1, further comprising a lens connected to the first vehicle brake light and for providing additional visual notification of an impending slowdown to the second vehicle.

6. (currently amended) A brake warning system attachable to a first vehicle and for warning a second vehicle of an anticipated first vehicle braking, said first vehicle including a battery, a brake light, a brake pedal for energizing the brake light when engaged, and a foot pressure operated accelerator pedal for accelerating the first vehicle, said system comprising:

a switch operably connected to the first vehicle engine vacuum system and including means for monitoring a vacuum pressure fluctuation thereof during a predetermined time interval, said switch cooperating with said monitoring means for generating and sending a plurality of signals corresponding to accelerating and non-accelerating modes of the first vehicle, said non-accelerating mode having a vacuum pressure level ~~above~~below a predetermined limit and said accelerating mode having a vacuum pressure level ~~below~~above the predetermined limit; and

a light switch operably connected to said switch and for receiving said plurality of signals therefrom for indicating when an accelerator pedal is released during operating conditions of a vehicle, said light switch being operably connected to the first vehicle brake light and for causing same to flash during an interval defined after an accelerator pedal is released and before the brake pedal is engaged;

said switch being disposed within a first vehicle engine compartment and said light switch being disposed within a first vehicle trunk compartment.

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7. (original) The brake warning system of claim 4, further comprising a lens connected to the first vehicle brake light and for providing additional visual notification of an impending slowdown to the second vehicle.

8. (currently amended) A brake warning system attachable to a first vehicle and for warning a second vehicle of an anticipated first vehicle braking, said first vehicle including a battery, a brake light, a brake pedal for energizing the brake light when engaged, and a foot pressure operated accelerator pedal for accelerating the first vehicle, said system comprising:

a switch operably connected to the first vehicle engine vacuum system and including means for monitoring a vacuum pressure fluctuation thereof during a predetermined time interval, said switch cooperating with said monitoring means for generating and sending a plurality of signals corresponding to accelerating and non-accelerating modes of the first vehicle, said non-accelerating mode having a vacuum pressure level ~~above~~below a predetermined limit and said accelerating mode having a vacuum pressure level ~~below~~above the predetermined limit;

a light switch operably connected to said switch and for receiving said plurality of signals therefrom for indicating when an accelerator pedal is released during operating conditions of a vehicle, said light switch being operably connected to the first vehicle brake light and for causing same to flash during an interval defined after an accelerator pedal is released and before the brake pedal is engaged;

said switch being disposed within a first vehicle engine compartment and said light switch being disposed within a first vehicle trunk compartment; and

a lens connected to the first vehicle brake light and for providing additional visual notification of an impending slowdown to the second vehicle.